

CLAIMS

What is claimed is:

- 1 1. A mobile alarm system component fixably located within a passenger vehicle, the
2 component comprising:
3 means for wirelessly receiving signals from a mobile alarm controller; and
4 means for performing an alarm indication function based on signals received from the
5 mobile alarm controller.
- 1 2. The mobile alarm system component of claim 2, wherein the means for performing an
2 alarm indication function includes means for performing an alarm indication function
3 when a signal has not been received from the mobile alarm controller for a predetermined
4 time interval.
- 1 3. The mobile alarm system component of claim 2, wherein the means for performing an
2 alarm indication function includes means for generating an audible alarm indication based
3 on signals received from the mobile alarm controller.
- 1 4. The mobile alarm system component of claim 2, wherein the mobile alarm controller is
2 fixably located within the passenger vehicle.
- 1 5. The mobile alarm system component of claim 2, the passenger vehicle having a first and a
2 second compartment where the compartments are physically separated and wherein the
3 means for wirelessly receiving signals from a mobile alarm controller is fixably located
4 within the first compartment of the passenger vehicle and the mobile alarm controller is
5 fixably located in the second compartment.
- 1 6. The mobile alarm system component of claim 5, wherein the first compartment is an
2 engine compartment.
- 1 7. The mobile alarm system component of claim 6, wherein the second compartment is a
2 passenger compartment.
- 1 8. A mobile alarm system fixably located within a passenger vehicle, the system comprising:
2 a mobile alarm controller operable to enable wireless data communications; and
3 a mobile alarm component operable to enable wireless data communications with the

4 mobile alarm controller, the component including a processor operable to perform an
5 alarm indication function based upon signals received from the mobile alarm
6 controller.

1 9. The mobile alarm system of claim 8, wherein the component processor is operable to
2 perform an alarm indication function when a signal has not been received from the mobile
3 alarm controller for a predetermined time interval.

1 10. The mobile alarm system of claim 8, wherein the component processor is operable to
2 cause the generation of an audible alarm indication based on signals received from the
3 mobile alarm controller.

1 11. The mobile alarm system of claim 8, the passenger vehicle having a first and a second
2 compartment where the compartments are physically separated and wherein the mobile
3 alarm component is fixably located within the first compartment of the passenger vehicle
4 and the mobile alarm controller is fixably located in the second compartment.

1 12. The mobile alarm system of claim 11, wherein the first compartment is an engine
2 compartment.

1 13. The mobile alarm system component of claim 12, wherein the second compartment is a
2 passenger compartment.

1 14. A mobile alarm system component method, the mobile alarm system component fixably
2 located within a passenger vehicle, the method comprising the steps of:
3 a) wirelessly receiving signals from a mobile alarm controller; and
4 b) performing an alarm indication function based on signals received from the
5 mobile alarm controller.

- 1 15. The mobile alarm system component method of claim 14, wherein step b) includes
2 performing an alarm indication function when a signal has not been received from the
3 mobile alarm controller for a predetermined time interval.
- 1 16. The mobile alarm system component method of claim 14, wherein step b) includes
2 generating an audible alarm indication based on signals received from the mobile alarm
3 controller.
- 1 17. The mobile alarm system component method of claim 14, wherein the mobile alarm
2 controller is fixably located within the passenger vehicle.
- 1 18. The mobile alarm system component method of claim 14, the passenger vehicle having a
2 first and a second compartment where the compartments are physically separated and
3 wherein the mobile alarm component is fixably located within the first compartment of
4 the passenger vehicle and the mobile alarm controller is fixably located in the second
5 compartment.
- 1 19. The mobile alarm system component method of claim 18, wherein the first compartment
2 is an engine compartment.
- 1 20. The mobile alarm system component method of claim 19, wherein the second
2 compartment is a passenger compartment.

- 1 21. A method of installing a mobile alarm system within a passenger vehicle, the method
2 comprising the steps of:
 - 3 a) fixably installing in the passenger vehicle a mobile alarm controller operable to
4 enable wireless data communications in the passenger vehicle; and
 - 5 b) fixably installing in the passenger vehicle a mobile alarm component operable to
6 enable wireless data communications with the mobile alarm controller, the component
7 including a processor operable to perform an alarm indication function based upon
8 signals received from the mobile alarm controller.
- 1 22. The method of claim 21, wherein the component processor is operable to perform an
2 alarm indication function when a signal has not been received from the mobile alarm
3 controller for a predetermined time interval.
- 1 23. The method of claim 22, wherein the component processor is operable to cause the
2 generation of an audible alarm indication based on signals received from the mobile alarm
3 controller.
- 1 24. The method of claim 22, the passenger vehicle having a first and a second compartment
2 where the compartments are physically separated and wherein step a) includes fixably
3 installing the mobile alarm component within the first compartment of the passenger
4 vehicle and step b) includes fixably installing the mobile alarm controller in the second
5 compartment.
- 1 25. The method of claim 24, wherein the first compartment is an engine compartment.
- 1 26. The method of claim 25, wherein the second compartment is a passenger compartment.